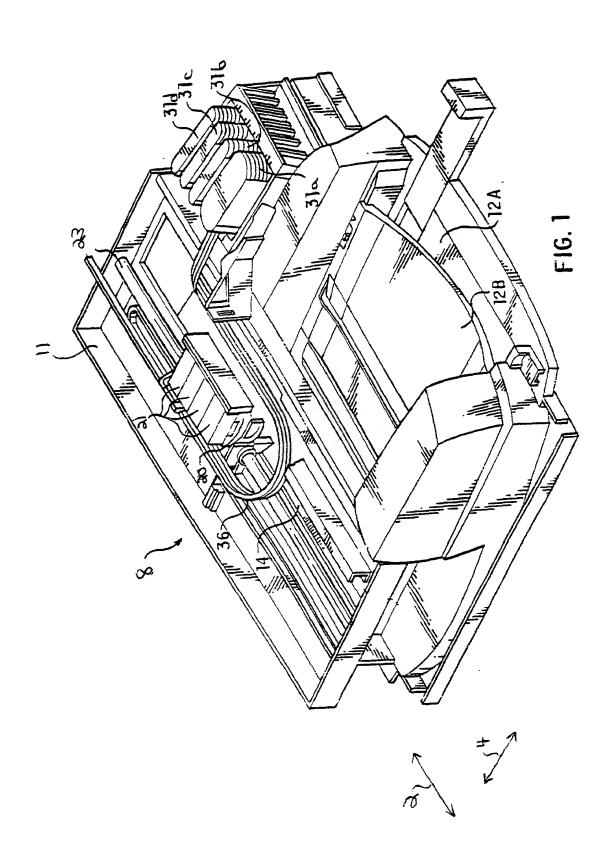
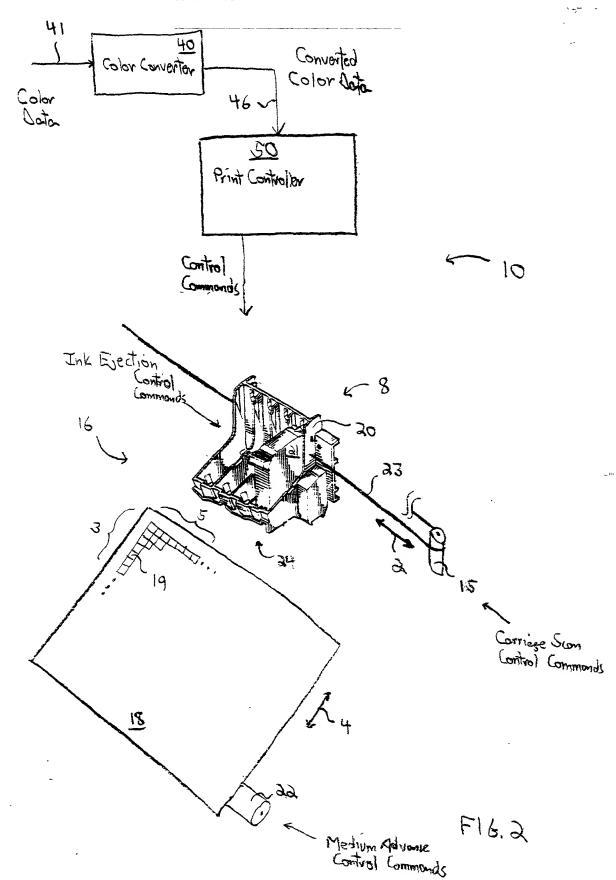
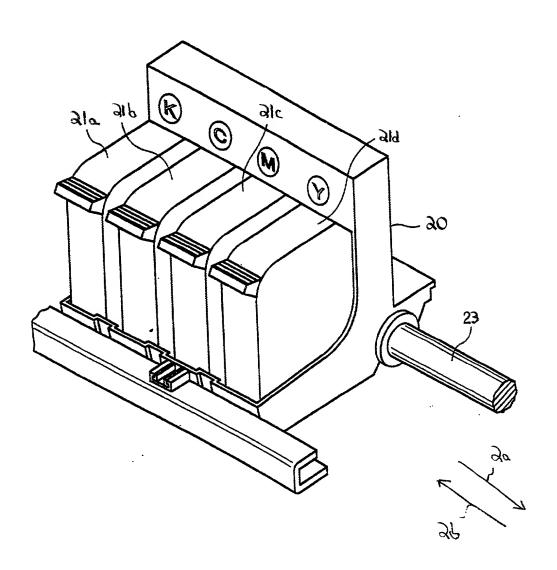
Hudson et al. Filed July 5, 2001 Direction-Dependant Color Conversion In Bidirectional Printing Sheet 1 of 9



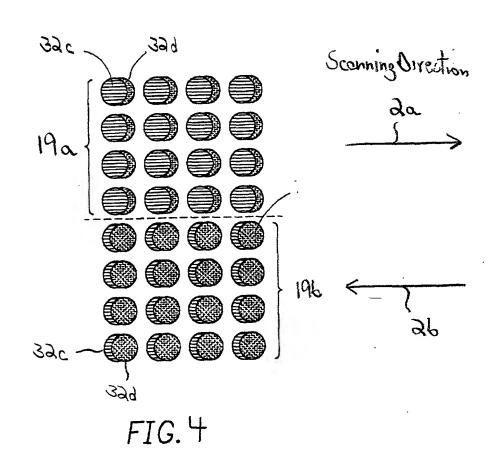
Hudson et al. Filed July 5, 2001 Direction-Dependant Color Conversion In Bidirectional Printing Sheet 2 of 9



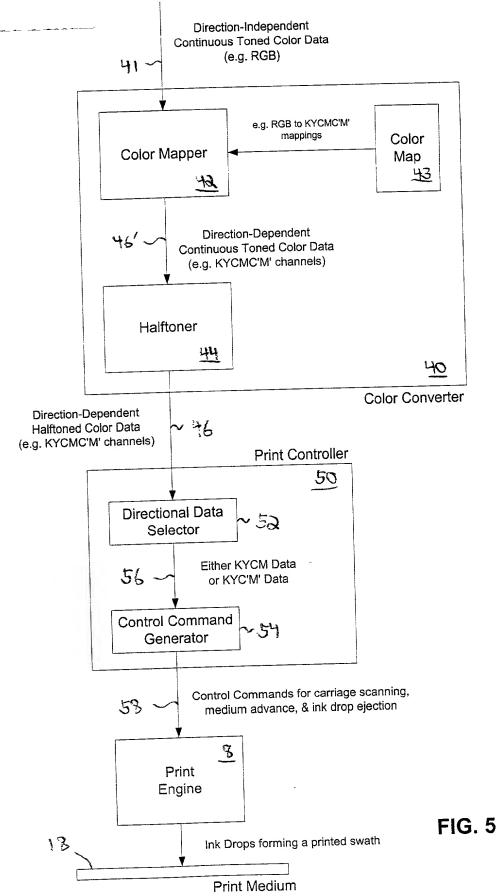
Hudson et al. Filed July 5, 2001 Direction-Dependant Color Conversion In Bidirectional Printing Sheet 3 of 9

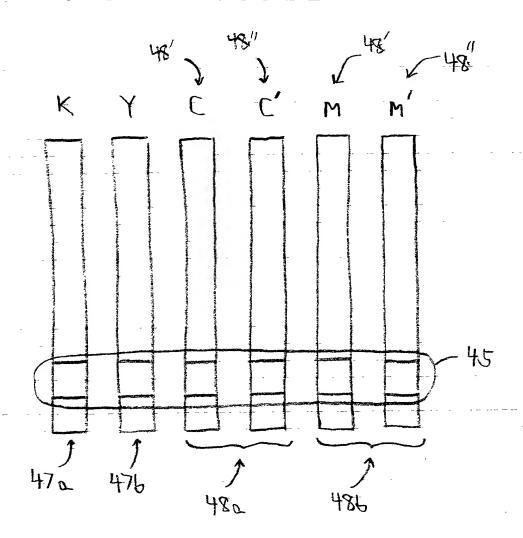


Hudson et al. Filed July 5, 2001 Direction-Dependant Color Conversion In Bidirectional Printing Sheet 4 of 9



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F16. 6

Hudson et al. Filed July 5, 2001 Direction-Dependant Color Conversion In Bidirectional Printing Sheet 7 of 9

RGB-to-KCMYC'M' Color Map

J-43

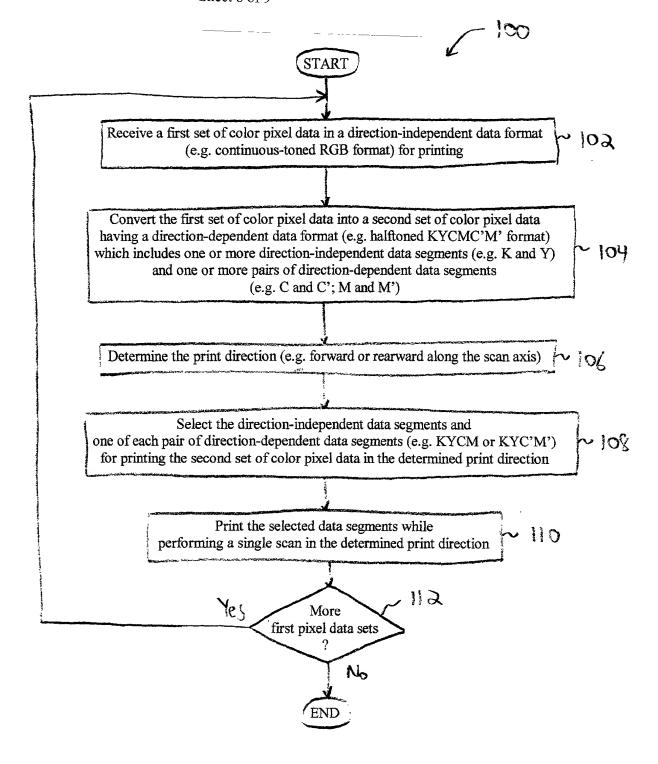
	Input				Output							
Color	R	G	В		K	C	M	Y	C'	M'		
White	255	255	255		0	0	0	0	0	0		
Very light blue	240	240	255		0	5	9	0	5	9		
Light blue	224	224	255		0	11	21	0	11	21		
62											^	63
Very dark blue	0	0	255	\sum	0	160	200	0	170	185	ر ک	
		• • • •									•	
Very dark green	0	255	0		0	190	0	170	200	0		
						•		•				
Very dark red	255	0	0		0	0	200	170	0	180		
				1	لهما	\smile	الهما	~~				
Example:					54a	. 66a	666	646	66a	1 666	11	

- "Very dark blue" printed while scanning right-to-left uses values of C=160, M=200
- "Very dark blue" printed while scanning left-to-right uses values of C=170, M=185

F16.7

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Hudson et al. Filed July 5, 2001 Direction-Dependant Color Conversion In Bidirectional Printing Sheet 8 of 9



F16.8

Hudson et al. Filed July 5, 2001
Direction-Dependant Color
Conversion In Bidirectional Printing
Sheet 9 of 9

START CONVERT

Convert the first set of continuous-toned, direction-independent color pixel data into an intermediate set of continuous-toned, direction-dependent color pixel data to form the second set of direction-dependent halftoned color pixel data in which each individual data element represents a discrete color printable by the inkjet printer

F16.9